



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Michael A. REEVE

Serial No. 07/855,036

Filed May 1, 1992

METHOD TO ISOLATE MACROMOLECULES:
 USING MAGNETICALLY ATTRACTABLE
 BEADS WHICH DO NOT SPECIFICALLY :
 BIND THE MACROMOLECULES

THE COMMISSIONER IS AUTHORIZED
 TO CHARGE ANY DEFICIENCY IN THE
 FEE FOR THIS PAPER TO DEPOSIT
 ACCOUNT NO. 23-0975.

Group Art Unit 1815

Examiner T. Reardon

18C1

RESPONSE

Honorable Commissioner of Patents and Trademarks,
 Washington, D.C. 20231

Sir:

In response to the Official Action of July 20, 1993,
 please amend the present application as follows:

IN THE SPECIFICATION

Rewrite the title as --PRECIPITATING POLYMERS--.

IN THE CLAIMS

Claims 1, 2, 4 to 8, 11 and 12, cancel without
 prejudice to the subject matter thereof.

Please add the following new claims:

--13. A Method of making a nucleic-acid-containing
 liquid by treating a solution by the use of suspended
 magnetically attractable beads which do not specifically bind the
 nucleic acid, comprising the steps of:

precipitating the nucleic acid out of solution in
 the presence of the suspended magnetically attractable beads
 whereby the nucleic acid precipitate becomes non-specifically
 associated with the beads,

applying a magnetic field to draw down a
 precipitate of the nucleic acid and associated beads,
 separating the precipitate from the supernatant
 liquid,